



## Local Situation Report

Prepared: 08/11/14@0945

Local	GACC	Nat'l
2	2	4

**Today's Fire Danger**  
**MODERATE**

## INCIDENT SUMMARY for Yesterday

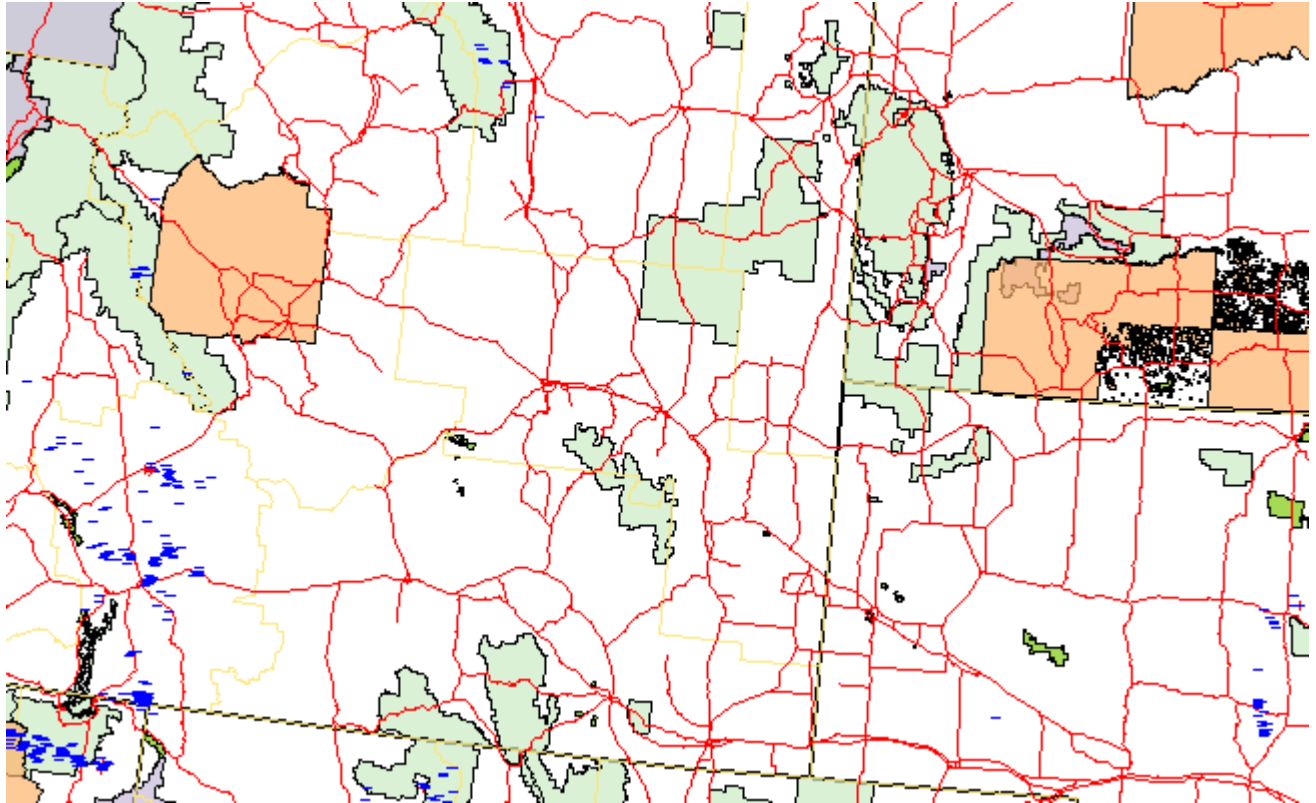
COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

**Area Discussion:**

No IA yesterday. A warmer day expected today but winds will be only in the 10 MPH range keeping us out of critical conditions today.

**Lightning Map****INDICES (forecasted/actual)**

<b><u>FDRA</u></b>	<b>Predicted Today</b>		
	<b>Indices</b>	<b>Forecasted for 8/11</b>	<b>Actual for 8/10</b>
Echeta	BI	58	48
Rochelle Hills	ERC	15	13
Rochelle Hills	BI	73	48
Poker Creek	ERC	51	48
Casper Mtn	ERC	55	54
Fales Rock	BI	51	55
Sandstone	ERC	N/A	59
Esterbrook	ERC	48	48
Sawmill Park	ERC	31	31

## Duty Officers for Today:

<b><u>Duty Officers</u></b>	FS - Laramie	<b>Gonnoud</b>
	FS - Saratoga	<b>Rogge</b>
	FS - Douglas	<b>Bones</b>
	BLM	<b>Ellis</b>
	State	<b>Graham</b>
	FS – MBF NF	<b>Bentley</b>
	Dispatch	<b>Neibauer</b>

<b>Local Aviation Resources</b>		Location	Status
	2TJ (Duncan) State	<b>Duncan HB</b>	<b>Avail</b>
	2HX (Rawlins) BLM	<b>Rawlins</b>	<b>Avail</b>

## Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0601	2013	<b>2043</b>
Casper	0607	2013	<b>2043</b>
Glenrock	0605	2011	<b>2041</b>
Laramie	0608	2007	<b>2037</b>

## Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WEX	7/10		Weston Cnt open burning restrictions
BLM	7/10		BLM Lands Weston County
SHX	7/28		Open burning restrictions
JOX	7/17		Open burning restrictions
BLM	8/1		Open burning restrictions

# Weather Discussion

WYZ280 -  
NATRONA COUNTY/CASPER BLM

A RIDGE OF HIGH PRESSURE WILL BE IN PLACE OVER THE AREA AND BRING WARM TEMPERATURES AND LIGHT TO MODERATE WINDS. A FEW LOCATIONS OVER THE MOUNTAINS COULD SEE AN AFTERNOON OR EVENING SHOWER OR THUNDERSTORM...BUT MOST PLACES SHOULD REMAIN DRY. THE RIDGE WILL MOVE EAST FOR TUESDAY AND WEDNESDAY AND ALLOW FOR MORE MOISTURE TO MOVE IN FROM THE SOUTH AND WEST THAT WILL BRING MORE NUMEROUS SHOWERS AND THUNDERSTORMS EACH AFTERNOON AND EVENING...WITH THE MOST NUMEROUS SHOWERS AND THUNDERSTORMS OCCURRING WEDNESDAY AFTERNOON AND EVENING.

...THUNDERSTORMS IMPLY STRONG GUSTY AND ERRATIC WINDS...  
...HAINES INDEX IS HIGH LEVEL HAINES BOTH DAY AND NIGHT...

## .TODAY...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.  
MAX TEMPERATURE.....83-88.  
24 HR TREND.....5 DEGREES WARMER.  
MIN HUMIDITY.....17-23 PERCENT.  
24 HR TREND.....6 PERCENT DRIER.  
20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH.  
RIDGE TOP WINDS.....SOUTHWEST 5 TO 10 MPH UNTIL 1500...THEN NORTH.  
LAL.....1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....SOUTHWEST AROUND 10 MPH UNTIL 1500...THEN  
NORTH.  
MIXING HEIGHT.....3000-5500 FT AGL UNTIL 1200...THEN 7000-9500 FT  
AGL.  
SMOKE DISPERSAL.....FAIR TO GOOD (40000-60000 KNOT-FT).  
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED  
FIRE GROWTH.

## .TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR.  
MIN TEMPERATURE.....55-60.  
24 HR TREND.....1 DEGREE WARMER.  
MAX HUMIDITY.....65-71 PERCENT.  
24 HR TREND.....5 PERCENT DRIER.  
HUMIDITY RECOVERY...GOOD.  
20-FOOT WINDS.....DOWNSLOPE/DOWNVALLEY 4-7 MPH. GUSTS UP TO 10  
MPH.  
RIDGE TOP WINDS.....EAST AROUND 10 MPH UNTIL 0300...THEN WEST.  
LAL.....1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....EAST 10 TO 15 MPH UNTIL 0300...THEN WEST.  
MIXING HEIGHT.....7000-9500 FT AGL UNTIL 2400...THEN 3000-5500 FT  
AGL.  
SMOKE DISPERSAL.....FAIR TO GOOD (48000-68000 KNOT-FT).  
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED  
FIRE GROWTH.

# Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL  
GRASSLAND

MOSTLY DRY CONDITIONS WILL PREVAIL THROUGH TUESDAY WITH ONLY A FEW AFTERNOON T-STORMS EXPECTED FOR THE MOUNTAINS OF SOUTHEAST WYOMING THROUGH THIS TIME. THESE STORMS WILL BE WEAK AND SHOULD PRODUCE VERY LITTLE RAINFALL. MINIMUM RELATIVE HUMIDITIES WILL DROP TO NEAR CRITICAL VALUES OVER NORTHERN AND WESTERN PORTIONS OF CARBON COUNTY MONDAY AND TUESDAY AFTERNOONS...HOWEVER WINDS IN THIS AREA WILL FOR THE MOST PART AVERAGE 10 MPH OR LESS. THE EXCEPTION WILL BE IN THE VICINITY OF SHOWERS AND THUNDERSTORMS WHERE WINDS WILL BE VARIABLE AND GUSTY. INCREASING MONSOONAL MOISTURE AND STRONGER UPPER LEVEL DISTURBANCES WILL RESULT IN SCATTERED SHOWERS AND THUNDERSTORMS WEDNESDAY AND THURSDAY. SHOWER COVERAGE DECREASES LATE IN THE WEEK AS THE UPPER RIDGE BUILDS OVER THE DISTRICT.

## .TODAY...

SKY/WEATHER.....MOSTLY SUNNY.

MAX TEMPERATURE.....84-89.

24 HR TREND.....4 DEGREES WARMER.

MIN HUMIDITY.....21-27 PERCENT.

24 HR TREND.....2 PERCENT DRIER.

20-FOOT WINDS.....EAST UP TO 10 MPH.

LAL.....1 UNTIL 1200...THEN 2 UNTIL 1500...THEN 1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHEAST AROUND 10 MPH.

MIXING HEIGHT.....6500-7300 FT AGL INCREASING TO 9200-10500 FT  
AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....FAIR TO GOOD (51200-81900 KNOT-FT).

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

## .TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR.

MIN TEMPERATURE.....54-59.

24 HR TREND.....UNCHANGED.

MAX HUMIDITY.....81-87 PERCENT.

24 HR TREND.....UNCHANGED.

HUMIDITY RECOVERY...GOOD.

20-FOOT WINDS.....SOUTHEAST UP TO 10 MPH.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHEAST AROUND 10 MPH.

MIXING HEIGHT.....4700-5300 FT AGL DECREASING TO 400 FT AGL AFTER  
MIDNIGHT.

SMOKE DISPERSAL.....POOR TO FAIR (3300-48700 KNOT-FT).

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

# Weather Discussion

WYZ307 -  
SNOWY RANGE/MEDICINE BOW NF

MOSTLY DRY CONDITIONS WILL PREVAIL THROUGH TUESDAY WITH ONLY A FEW AFTERNOON T-STORMS EXPECTED FOR THE MOUNTAINS OF SOUTHEAST WYOMING THROUGH THIS TIME. THESE STORMS WILL BE WEAK AND SHOULD PRODUCE VERY LITTLE RAINFALL. MINIMUM RELATIVE HUMIDITIES WILL DROP TO NEAR CRITICAL VALUES OVER NORTHERN AND WESTERN PORTIONS OF CARBON COUNTY MONDAY AND TUESDAY AFTERNOONS...HOWEVER WINDS IN THIS AREA WILL FOR THE MOST PART AVERAGE 10 MPH OR LESS. THE EXCEPTION WILL BE IN THE VICINITY OF SHOWERS AND THUNDERSTORMS WHERE WINDS WILL BE VARIABLE AND GUSTY. INCREASING MONSOONAL MOISTURE AND STRONGER UPPER LEVEL DISTURBANCES WILL RESULT IN SCATTERED SHOWERS AND THUNDERSTORMS WEDNESDAY AND THURSDAY. SHOWER COVERAGE DECREASES LATE IN THE WEEK AS THE UPPER RIDGE BUILDS OVER THE DISTRICT.

## .TODAY...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.  
ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200.  
MAX TEMPERATURE.....67-75.  
24 HR TREND.....2 DEGREES WARMER.  
MIN HUMIDITY.....21-27 PERCENT.  
24 HR TREND.....12 PERCENT DRIER.  
20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH.  
LAL.....1 UNTIL 1200...THEN 2.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....EAST AROUND 10 MPH SHIFTING TO THE NORTH IN THE  
AFTERNOON.  
MIXING HEIGHT.....5600-6800 FT AGL INCREASING TO 7900-9800 FT AGL  
IN THE AFTERNOON.  
SMOKE DISPERSAL.....FAIR TO GOOD (43800-80000 KNOT-FT).  
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED  
FIRE GROWTH.

## .TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY.  
MIN TEMPERATURE.....44-50.  
24 HR TREND.....3 DEGREES WARMER.  
MAX HUMIDITY.....70-76 PERCENT.  
24 HR TREND.....7 PERCENT DRIER.  
HUMIDITY RECOVERY...GOOD.  
20-FOOT WINDS.....DOWNSLOPE/DOWNVALLEY 4-7 MPH.  
LAL.....1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....EAST AROUND 10 MPH SHIFTING TO THE SOUTH AFTER  
MIDNIGHT.  
MIXING HEIGHT.....4100-5100 FT AGL DECREASING TO 300-800 FT AGL  
AFTER MIDNIGHT.  
SMOKE DISPERSAL.....POOR TO FAIR (4500-41700 KNOT-FT).  
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED  
FIRE GROWTH.